

EMMANUELLE RODRIGUES NUNES

I am Emmanuelle Rodrigues Nunes; a Statistician graduated by the University of Sao Paulo, Sao Paulo, Brazil. I've worked as a Data Scientist for two years in Brazil for a large company, and I've also been working since 2018 as a Data Scientist/Engineer at Lionbridge with a contract with Microsoft, Reading.

I've worked with R, R shiny Dashboards, Python, Oracle, SQL Server, and more recently with Azure and Power BI throughout those years.

I believe that learning in this field is essential, so I like to attend conferences and take online courses to keep improving my knowledge. I also believe in sharing knowledge with my peers, I've even had the pleasure to be a speaker at The Developers Conference in Brazil where I could talk about a Data Science case that I've worked and explain how I've solved the proposed task.

With all that said, I aim to work with statistics and machine learning in my next job for that being what I study and what I am passionate about.



EDUCATION

Current
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2019

- **MSc. Advanced Computer Science**
University of Reading

📍 Reading, UK

2017
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2013

- **BSc. Statistics**
University of Sao Paulo

📍 Sao Paulo, Brazil

- I graduated as top of my class
- Awarded with an academic merit scholarship to do an exchange period of 6 months

2015
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2015

- **Statistics**
University of Helsinki

📍 Helsinki, Finland

- Exchange period of 6 months
- Classes taught in English were only MSc level
- Courses: Event-history Analysis, Sampling, Finnish, Demography and Categorical Data Analysis



RESEARCH EXPERIENCE

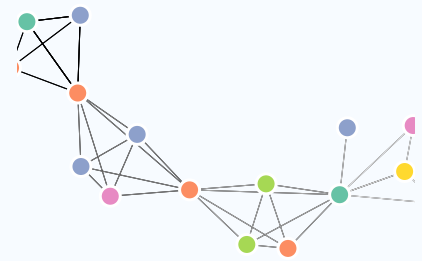
2015
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2014

- **Trend ad Seasonality in the Broad Consumer Price Index (IPCA) from 2006 to 2014**

University of Sao Paulo

📍 Sao Paulo, Brazil

- Scholarship awarded by CNPq (National Council of Scientific and Technological Development)
- Field of study: Time Series Analysis
- Advisor: Airlane Pereira Alencar



CONTACT



emmanuelnunes@gmail.com

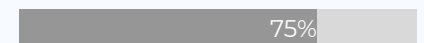
in [emmanuelnunes](#)

LANGUAGE SKILLS

R



Python



SQL



Kusto



Made with the R package
[pagedown](#).

Last updated on 2021-04-06.



INDUSTRY EXPERIENCE

Current
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2021



Senior Data Scientist/ Engineer

Reading, UK

📍 Microsoft / Lionbridge

- Additional responsibilities:
- Assist with hiring process for Data Scientists and Data Engineers
- Mentor junior/mid-level Data Scientists

2021
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2018



Data Scientist / Engineer

Reading, UK

📍 Microsoft / Lionbridge

- Working on a contract for Microsoft at the Studios Quality department through Lionbridge
- Data Quality and Exploratory Data Analysis within Microsoft games focused on the quality of the game instead of user experience
- Major activities include creating a KPI to understand the stability of a game to replacing older methodologies; Implementation of a new performance metric; Prediction of the performance of a game using Supervised Learning; Automation of one of our titles using Reinforcement Learning; Prediction of bugs in a file
- Presentations of Statistics and Machine Learning for the team
- Technologies used: SQL Server, R, R Shiny Dashboards, Python, Azure Data Factory (ADF), Azure Data Explorer (Kusto) and Power BI

2018
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2017



Data Scientist

Sao Paulo, Brazil

📍 PagSeguro

- Data Scientist for a Brazilian fintech that intermediates the payment of millions of transactions daily
- Use of Statistics and Machine Learning techniques to answer business questions. Company areas that I've worked with include Marketing, Telecommunication, Logistics and CRM.
- Creation of reports and presentations for the company with the results obtained within the analysis.
- CRISP-DM methodology (business understanding, data analysis and modelling)
- Technologies used: R, R Shiny Dashboards, SQL and Python

2017
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2017



Pricing Intern

Sao Paulo, Brazil

📍 B3


- Pricing Intern for the Brazilian Stock market
- The main role was to analyse and model the volatility of stocks and commodities.
- Activities included statistical analysis and modelling involving optimisation techniques, simulation, stochastic calculations and time series analysis.
- Technologies used: SQL, R, R Shiny Dashboards and Excel VBA

I like collaborative environments where I can learn from my peers.




CONSULTORY EXPERIENCE

2017
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2017

- **Relatório de análise estatística sobre o projeto “avaliação anatomopatológica da membrana corioamniótica após correção cirúrgica intraútero de mielomeningocele.”**
University of Sao Paulo  Sao Paulo, Brazil
 - Title in English: Anatomopathological evaluation of the chorioamnionitis membrane after intrauterine surgical correction of myelomeningocele
 - The object of this project was to assess the membrane repair process after intrauterine surgery
 - The methodology includes: Linear Regression, T-test and descriptive analysis
 - <http://repositorio.usp.br/bitstreams/0342785f-02be-46b8-afc0-986c4b23fc4a>
 - Statistical report in the medical field (inter uterus surgery)

2017
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2017

- **Relatório de análise estatística sobre o projeto “mapeamento dos casos de intoxicações agudas atendidos no Centro de Controle de Intoxicações da cidade de São Paulo”**
University of Sao Paulo  Sao Paulo, Brazil
 - Title in English: Mapping of acute poisoning cases treated at the Center for Poisoning Control in the city of São Paulo
 - The objective of this project was to identify groups of patients that suffered some sort of poisoning so the medical team could start the treatment based on the probable group of poisoning the subject is a part of
 - <http://repositorio.usp.br/bitstreams/8534239e-334d-42dd-b34e-7faa3c4669c6>
 - Statistical report in the pharmacological field
 - The methodology includes: Bayesian techniques, Descriptive analysis and Cluster analysis



EXTRACURRICULAR

Current
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2020

- **Creator of R-Ladies chapter in Reading**
Reading, UK  R-Ladies
 - Opened Reading chapter

2018
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2018

- **21st AISTATS**
Lanzarote, Spain
 - Attendant

2018
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2018

- **Understanding the payment business**
Sao Paulo, Brazil  Mastercard
 - Attendant

2016
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2016

- **XX Brazilian School of Probability**
Sao Paulo, Brazil
 - Attendant

I believe that learning and sharing knowledge are the most important skills of a Data Scientist.



POSTERS, AND TALKS

2018
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2018

• **The Developers Conference**

Sao Paulo, Brazil

- Speaker

2015
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2015

• **23rd SIICUSP**

Sao Paulo, Brazil

📍 University of Sao Paulo

- Presented (remotely) a poster about the results of my Academic research project "Trend and Seasonality in the Broad Consumer Price Index (IPCA) from 2006 to 2014"

Library used to create this CV:
datadrivencv